

ABSTRACT OF THE DISCLOSURE

An electric motor such as a driving source of an electric vehicle is controlled by the microcomputer 7. The microcomputer 7 calculates a target torque Req_trq according to a throttle opening degree α , and outputting induction values (a current instruction value I and a angle instruction value θ) obtained referring to a map MP based on the target torque Req_trq (a motor rotational number Nm and a battery voltage Vb), the microcomputer 7 performs a torque control of an SR motor 3. The motor rotational number Nm detected from the SR motor 3 is passed through a band pass filter 51. Passing by the band pass filter 51, a signal data of the extracted 0.1-50 Hz is executed a PD calculation process 52, the calculated corrected amount PD_out is subtracted from the target torque Req_trq .